

Costo total das seções

$$\begin{aligned}
 X = S_1 & \quad \left\{ \begin{aligned} X &= (1.000 \times 1,3 + 1.900) + \frac{100 \text{ km}}{1.000 \text{ km}} Y \\ Y &= (2.000 \times 1,3 + 4.600) + \frac{200 \text{ km}}{1.000 \text{ km}} X \end{aligned} \right. & \left\{ \begin{aligned} X &= 3.200 + 0,1 Y \\ Y &= 7.200 + 0,2 X \end{aligned} \right. \\
 Y = S_2 & \\
 & \left\{ \begin{aligned} X &= 3.200 + 0,1(7.200 + 0,2 X) \\ Y &= 7.200 + 0,2(3.200 + 0,1 X) \end{aligned} \right. & \left\{ \begin{aligned} X &= 3.200 + 720 + 0,02 X \\ Y &= 7.200 + 640 + 0,02 X \end{aligned} \right. \\
 & \left\{ \begin{aligned} X - 0,02 X &= 3.920 \\ Y - 0,02 X &= 7.840 \end{aligned} \right. & \left\{ \begin{aligned} 0,98 X &= 3.920 \\ X &= 4.000 \text{ €} \end{aligned} \right. & \left\{ \begin{aligned} X &= 4.000 \text{ €} \\ Y &= 7.200 + 0,2 \times 4.000 \\ Y &= 8.000 \text{ €} \end{aligned} \right.
 \end{aligned}$$